

108.5 - Reference Liquids for Evaluating Fuels

SRMs 1815a and 1816a are high purity liquids intended for use in maintaining the integrity of the octane rating of motor and aviation fuels as specified in the ASTM Manual for Rating Motor, Diesel, and Aviation Fuels. The conversion from SRM 2037 Solvent Red Dye 24 to Solvent Red Dye 26 is provided in the SRM 2037 article (pages 3 & 4) of the [June 2005 SRM Spotlight](#).

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PLEASE NOTE: The tables are presented to facilitate comparisons among a family of materials to help customers select the best SRM for their needs. For specific values and uncertainties, the certificate is the only official source.

SRM	Description	Unit of Issue	Purity (mass fraction, in )
1815a	n-Heptane (Fuel Rating)	100 mL	99.987
1816a	Isooctane (Fuel Rating)	100 mL	99.987
2037	Solvent Red 24 Diesel Fuel Dye	100 mg powder	98.0